

Page 1 of 2

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Att'y Ref: A28-011 | Serial No: 10/728,246

Applicant: ORSER et al.

Filing Date: Dec. 4, 2003 Art Unit:

United States Patent Documents

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
/KM/	US 2001/ 001061 A1	2001-05- 10	SAFAR JIRI G et al.			

Foreign Patent Documents

Examiner	Publication	Publication	Country	Class	Subclass	Translation		
Initial	Number	Date				Yes	No	
/KM/	WO 01 07473 A	2001-02- 01	WIPO	,				
/KM/	WO 01 14412 A	2001-03- 01	WIPO					

Examiner: /Keri Moss/ Date Considered: 04/02/2007

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Examiner Initial	Other Documents (by Title, Author Date, Pertinent Pages, Etc.)
/KM/	Chitnumsub et al. (1999) "The Nucleation of Monomeric Parallel Beta-Sheet-Like Structures and Their Self-Assembly in Aqueous Solution" <i>Biorganic & Medicinal Chemistry</i> 7 (1): 39-59.
/KM/	Fraser et al. (1994) "Conformation and Fibrillogenesis of Alzheimer A-beta Peptides with Selected Substitution of Charged Residues" Journal of Molecular Biology 244 (1): 64-73:
/KM/	Wilson et al. (2000) "Conformational Transitions in Model Silk Peptides" <i>Biophysical Journal</i> 78 (5): 2690-2701.

Examiner:	/Keri Moss/	Date Considered:	04/02/2007

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/KM/	US 2002/ 0042121	2002-04- 11	RIESNER et al.						

Foreign Patent Documents									
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iling Date: 4 Decemb	oer 200)3		Group Art Unit: Not Y	et Assigned		
		U.S.	PATENT	DOCUMENTS			
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
/KM/		6,750,025	06/2004	Hammond et al.			
/KM/		6,677,125	01/2004	Prusiner et al.	_		
/KM/		6,214,565	04/2001	Prusiner et al.			
/KM/		2003/0215880	11/2003	Burton et al.			
	-1 - 1	FORE	GN PATE	NT DOCUMENTS		Sub	Translation
/KM/		Document Number	Date	Country	Class	Class	Yes or No
/KM/		WO 2004/018511	03/2004	PCT		<u> </u>	ļ
/KM/	$\top \top$	WO 03/085086	10/2003	PCT		ļ	-
· /KM/		WO 00/43791	07/2000	PCT			
/KM/		WO 00/02575	01/2000	PCT		 	
/KM/		WO 97/43649	11/1997	PCT			<u> </u>
ОТН	ER I			Author, Title, Date, F			
/KM/		and Humans Affect	ted with Price	e-resistant Prion Protein on Disease", J.B.C. 276(34):314/9-31	402, Aug	ust 24, 2001.
/KM/		Pan, K-M et al., "O prion proteins", Pr	Conversion of roc. Natl. Ac	of α-helices into β-sheets ad. Sci. USA 90:10962-1	features in the 10966, Decem	ne formati nber 1993	on of the scrap
Examiner /K	eri Mo	oss/	· ·	Date Considered	04/02/2	007	



INFORMATION DISCLOSURE CITATION

Atty. Docket No.: Al	Atty. Docket No.: ADL-101 Application No.: 10/728,246							
Applicant: Cindy C	RSER	et al.						
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FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Sub Class	Translation Yes or No	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
/KM/	B1			'Studies of Synthetic Pept :10248-10255, 1985.	ide Analogs	of the Ar	nphipathic	
/KM/	B2	Anfinsen, C.B., "1 181(4096):223-23		t Govern the Folding of P	rotein Chair	ıs", Sciend	ce	
/KM/	A1			of α-Synuclein in Lewy B wy Bodies", Am. J. Pattha				
/KM/	В3	Baker, D., "A sur	prising simpli	city to protein folding", A	lature 40 5 :3	9-42, 200	0.	
/KM/	A2-			unfolding and aggregationsis", <i>Nature</i> 385 :787-793		lysozyme	variants	
/KM/	A3	Carrell, R.W. et a	l., "Conforma	tional Disease", The Land	et 350:134	-138, 1997	7.	
/KM/	B4			ditions for <i>in vitro</i> format USA 96:3590-3594, 1999		oid protof	ilaments and	
/KM/	B5	Daura, X., et al., 'Simulation", J. M		eptide Folding in Solution 925-932, 1998.	by Molecu	ılar Dynan	nics	
/KM/	A4	Dobson, C.M., "P	rotein misfol	ding, evolution and diseas	e", <i>TIBS</i> 24	:329-332,	1999.	
Examiner /	Keri M	loss/		Date Considered	04/02/200	7		
	if not i			tation is in conformance was d. Include copy of this fo				

Form PTO 1449

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INFORMATION DISCLOSURE CITATION

Atty. Docket No.: A	DL-101			Application No.: 10/728,246					
Applicant: Cindy O	RSER e	t al.							
Filing Date: 4 Dece	mber 20	003		Group Art Unit: Not Yet Assigned					
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						<u> </u>			
OTH	IER D	OCUMENTS (I	ncluding Au	uthor, Title, Date, Pert	inent Pag	ges, Etc.))		
/KM/	A5		Dobson, C.M., "The structural basis of protein folding and its links with human disease", Phil. Trans. R. Soc. London B 356:133-145, 2001.						
/KM/	В6		Dobson, C.M. et al., "Kinetic studies of protein folding using NMR spectroscopy", Nature Structural Biology Suppl:504-507, July 1998.						
/KM/	A6	Epstein, F.H., "M 340(25):1970-19		s Of The Neurodegenerativ	ve Disorder	rs", New.	Eng. J. Med.		
/KM/	В7	Isenman, D.E., et Acad. Sci. USA 7		acture and Function of Imm 1975.	nunoglobul	in Domaii	ns", Proc. Natl.		
/KM/	B8		•	Gene Mutation Database - futation 15:45-51, 2000.	A Biomedi	ical Inform	nation and		
/KM/	A7			amyloid: What normal prot oc. Natl. Acad. Sci. USA 9			us about		
/KM/	В9		itation In The	andic Patients With Heredi Cystatin C Gene, An Inhib					
/KM/	A8			ion Protein cDNA: Molect cations", Science 233:364-			osomal		
Examiner	/Ker	i Moss/		Date Considered 04/	02/2007				
	if not i			tation is in conformance w d. Include copy of this for					

Form PTO 1449

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INFORMATION DISCLOSURE CITATION

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Atty. Docket No.:	ADL-10	0	4	Application No.: 10/728	,246				
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FOREIGN PATENT DOCUMENTS									
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
/KM/	MacPhee, C.E., et al., "Chemical Dissection and Reassembly of Amyloid Fibrils Formed by a Peptide Fragment of Transthyretin", J. Mol. Biol. 297:1203-1215, 2000.								
/KM/	B10		Matouschek, A., et al., "Mapping the transition state and pathway of protein folding by protein engineering", <i>Nature</i> 340:122-126, 1989.						
/KM/	A10	Nguyen, J., et al., Transitions", <i>Biod</i>		n Peptides Induce α-Helix 1186-4192, 1995.	to β-Sheet	Conform	ational		
/KM/	All	Oesch, B., et al., '	'A Cellular G	ene Encodes Scrapie PrP 2	27-30 Prote	in", Cell	10:735-746,		
/KM/	A12	Perutz, M.F., "Gli 24:58-63, 1999.	utamine repea	ts and neurodegenerative of	lisease: m	olecular a	spects", TIBS		
/ĶM/	A13	Prusiner, S.B., et	al., "Prion Pro	otein Biology", Cell 93:33	7-348, 199	8.			
/KM/	A14			f the Cystic Fibrosis Gene: e 245:1066-1073, 1989.	Cloning as	nd Charac	terization of		
/KM/	A15			determinants of the physics residues 106-126", Bioch					
/KM/	A16	Schatzl, H.M., "P 1995.	rion Protein C	Gene Variation Among Pri	mates", <i>J.</i> /	Mol. Biol.	245:362-374,		
Examiner	/Keri N	Moss/		Date Considered 04	/02/2007				
	n if not i			tation is in conformance was d. Include copy of this for					

Form PTO 1449

Patent and Trademark Office

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Atty. Docket No.: AI	DL-101			Application No.: 10/728	,246			
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OCI 2:8 7005 U.S. PATENT DOCUMENTS								
Examiner Initial	PADEN	ocument Number	Date	Name	Class	Sub Class	Filing Date If Appropriate	
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Sub Class	Translation Yes or No	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
/KM/	A17	Soto, C., "Protein misfolding and disease; protein refolding and therapy", FEBS Letters 498:204-207, 2001.						
/KM/	B11		Speed, M.A., et al., "Polymerization Mechanism of Polypeptide Chain Aggregation", Biotechnology and Bioengineering 54(4):333-343, 1997.					
/KM/	B12			aggregation of partially fold ody composition", Nature I				
/KM/	A18			n in filamentous inclusions wy bodies", <i>Proc. Natl. Acc</i>				
/KM/	A19	Spillantini, M.G.	, "α-Synuclei	n in Lewy bodies" Nature 3	388:839-84	10, 1997.		
/KM/	A20	Stahl, N., et al., '	'Prions and p	rion proteins", The FASEB	Journal 5:	2799-280	7, 1991.	
/KM/	B13			ed spectroscopic evidence of the contract of t			ansitions of an	
/KM/	A21	Thomas, P.J., et 459, 1995.	al., "Defective	e protein folding as a basis	of human	disease", 2	TIBS 20:456-	
/KM/	A22	Westaway, D., et Mice", Cell 51:6		Prion Proteins in Short and	d Long Scr	apie Incul	bation Period	
/KM/	A23			ding of Soluble Aβ1-40 and 8(6):1740-1756, 1996.	1 Αβ1-42 τ	o a Subse	t of Senile	
Examiner /K	eri Mo	ss/		Date Considered 04	1/02/2007	·		
	if not in			tation is in conformance wi d. Include copy of this for				

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JAN 0 3 [00] Date Submitted: January 3, 2007	First Named Inventor	Cindy Orser	
Date Submitted: January 3, 2007	Art Unit	1743	
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U.S. PATENT DOCUMENTS						
Examiner Cite No.1	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant	
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			FOREIGN PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ⁵ Number ⁴ Kind Code ⁵ (<i>If known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
/KM/		WO 01/50134 A2	07/12/2001	Krishnamurthy		ļ

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ ⁶		

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